

## TRUCKEE RIVER BASIN, LAKE TAHOE

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA

LOCATION.—Lat 39°06'27", long 120°09'40", in NW  $\frac{1}{4}$  sec.36, T.15 N., R.16 E., Placer County, Hydrologic Unit 16050101, on right bank, 300 ft upstream from bridge on State Highway 89, 1,000 ft upstream from Lake Tahoe, and 4.6 mi south of Tahoe City.

DRAINAGE AREA.—11.2 mi<sup>2</sup>.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.—October 1960 to current year.

GAGE.—Water-stage recorder and crest-stage gage. Datum of gage is 6,234.59 ft above NGVD of 1929. Oct. 1, 1960, to Sept. 30, 1964, at datum 10.25 ft lower and Oct. 1, 1964, to Aug. 27, 1970, at datum 12 ft lower, at site 400 ft downstream.

REMARKS.—Records good except estimated daily discharges, which are fair. No known diversion or regulation upstream from station. See schematic diagram of Truckee River Basin, Lake Tahoe and Truckee River Basin.

EXTREMES FOR PERIOD OF RECORD.—Maximum discharge, 2,940 ft<sup>3</sup>/s, Jan. 1, 1997, gage height, 9.82 ft, maximum gage height, 9.90 ft, site and datum then in use, Dec. 22, 1964; minimum daily, 0.50 ft<sup>3</sup>/s, Sept. 24, 1968.

EXTREMES FOR CURRENT YEAR.—Peak discharges greater than base discharge of 200 ft<sup>3</sup>/s, or maximum:

	Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
	May 4	2015	242	2.62

## DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

## DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	e2.2	3.6	4.0	4.8	12	59	116	88	18	3.5	1.8
2	2.1	2.7	4.1	e4.2	e5.0	11	54	137	88	17	3.4	1.7
3	2.1	2.8	3.9	e4.4	e5.0	11	59	158	85	17	3.3	1.8
4	2.1	2.7	3.8	e4.6	e4.8	11	76	180	77	16	3.1	1.8
5	2.1	2.6	5.0	e4.8	e4.6	12	97	180	70	15	3.0	1.8
6	2.1	2.6	e9.9	e5.0	e4.4	12	98	159	69	14	2.9	1.8
7	2.2	2.8	9.9	e5.2	e4.2	12	90	141	64	13	2.7	1.8
8	2.1	2.7	5.2	e5.4	e4.0	13	99	141	54	13	2.6	1.7
9	2.1	2.8	4.2	5.5	4.1	16	100	133	49	12	2.4	1.7
10	2.2	2.2	e3.2	5.4	e4.1	19	99	117	45	11	2.3	1.7
11	2.2	2.1	e3.5	5.3	e4.0	21	96	90	43	10	2.3	1.7
12	2.3	2.0	3.7	5.2	e4.0	22	102	75	43	9.8	2.3	1.7
13	2.2	2.1	4.3	5.1	e4.0	25	103	78	43	9.0	2.2	1.6
14	2.2	2.3	e4.4	5.1	4.0	29	87	89	44	8.7	2.2	1.6
15	2.1	2.5	e4.4	5.2	4.3	33	76	98	44	8.1	2.4	1.6
16	2.0	2.2	4.4	5.2	7.7	31	64	103	43	7.8	2.3	1.6
17	2.0	2.6	3.7	5.1	e14	33	57	108	41	7.4	2.2	1.5
18	1.9	2.6	3.8	5.1	e11	41	52	96	39	7.0	2.2	1.5
19	1.9	2.7	3.9	5.2	e10	52	49	86	37	6.8	2.1	1.6
20	1.8	3.0	4.6	5.2	e8.1	56	50	83	34	6.5	2.1	1.7
21	1.7	3.0	5.0	5.3	e7.5	77	50	76	31	6.3	2.1	1.6
22	1.6	2.7	4.7	e5.2	e7.1	88	48	78	30	5.8	2.2	1.6
23	1.7	e2.7	4.7	e5.1	e7.0	103	48	81	29	5.6	2.2	1.6
24	1.6	2.6	6.5	5.1	e7.3	93	54	77	27	5.2	2.2	1.5
25	1.6	2.6	e5.0	5.1	e7.9	72	65	76	25	4.9	2.1	1.4
26	1.6	2.7	e4.7	e5.1	e9.1	55	85	77	23	4.7	2.1	1.4
27	1.5	e2.8	e4.5	5.1	e10	49	115	94	22	4.5	2.0	1.4
28	1.5	2.9	e4.3	e5.0	10	47	134	138	20	4.4	1.9	1.4
29	1.6	3.2	e4.1	4.8	11	50	119	99	19	4.0	1.9	1.4
30	1.8	3.4	e4.1	4.9	---	59	106	91	19	3.8	1.8	1.4
31	e1.9	---	e4.0	e4.8	---	62	---	89	---	3.6	1.8	---
TOTAL	59.8	78.8	145.1	155.7	193.0	1227	2391	3344	1345	279.9	73.8	48.4
MEAN	1.93	2.63	4.68	5.02	6.66	39.6	79.7	108	44.8	9.03	2.38	1.61
MAX	2.3	3.4	9.9	5.5	14	103	134	180	88	18	3.5	1.8
MIN	1.5	2.0	3.2	4.0	4.0	11	48	75	19	3.6	1.8	1.4
AC-FT	119	156	288	309	383	2430	4740	6630	2670	555	146	96

e Estimated.

## TRUCKEE RIVER BASIN, LAKE TAHOE

10336660 BLACKWOOD CREEK NEAR TAHOE CITY, CA—Continued

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1961 - 2004, BY WATER YEAR (WY)

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MEAN	4.60	11.9	18.8	24.3	20.7	30.5	61.2	127	98.9	27.9	5.54	2.79
MAX	28.1	94.8	157	201	116	122	124	312	320	149	36.1	10.3
(WY)	1963	1984	1965	1997	1986	1986	1989	1969	1983	1983	1983	1982
MIN	1.19	1.68	1.90	2.00	2.27	3.82	13.6	29.7	7.20	2.76	1.31	1.00
(WY)	2002	1978	1977	1991	1991	1977	1975	1977	1992	2001	2001	2001

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1961 - 2004
ANNUAL TOTAL	11408.0	9341.5	
ANNUAL MEAN	31.3	25.5	36.2
HIGHEST ANNUAL MEAN			73.4
LOWEST ANNUAL MEAN			8.71
HIGHEST DAILY MEAN	274	May 28	2000 Jan 1 1997
LOWEST DAILY MEAN	1.5	Oct 27	0.50 Sep 24 1968
ANNUAL SEVEN-DAY MINIMUM	1.6	Oct 22	0.54 Sep 23 1968
MAXIMUM PEAK FLOW		242 May 4	2940 Jan 1 1997
MAXIMUM PEAK STAGE		2.62 May 4	9.90 Dec 22 1964
ANNUAL RUNOFF (AC-FT)	22630	18530	26250
10 PERCENT EXCEEDS	87	88	105
50 PERCENT EXCEEDS	10	5.1	9.9
90 PERCENT EXCEEDS	2.2	1.8	2.1